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TR	ANSM	ITTAL		Filing Date	5/22/20	00		
	FORI	М		First Named Inventor	Monia,	Brett P.		
				Art Unit				
(to be used for	all correspond	lence after initial	filina)	Examiner Name				
Total Number of			4	Attorney Docket Numb	er ISPH-04	463		
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		SIGNA	TURE C	OF APPLICANT, AT	TORNEY,	OR AG	ENT	·
Firm Name	Isis Pharma	aceuticals, Inc.						
Signature	1/2	24.6	7/	()a. ()				
Printed name	Donna T. V	Vard, Ph.D.	rll					
Date	6/9/	65			Reg. No.	48,27	1	· · · · · · · · · · · · · · · · · · ·
	as first clas	spondence is b	eing facsi		SPTO or dep	osited wit		ited States Postal Service with Alexandria, VA 22313-1450 on
Signature		Hen	~	-				
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450. ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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*Total of

forms are submitted.

PTO/SB/82 (09-04) Approved for use through 11/30/2005. OMB 0651-0035

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Application Number	See attached table
Filing Date	See attached table
First Named Inventor	See attached table
Art Unit	
Examiner Name	
Attorney Docket Number	See attached table

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Date '	5-4-20	05		Те	lephone	7	60-931-9200		
NOTE: Signatures signature is require		tors or assignees of record	of the entire interest or	their repr	esentative(s	are	required. Submit	t multiple	forms if more than one

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (09-04) Approved for use through 07/31/2006. OMB 0651-0031

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STATEMEN'	T UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Isis Pharmaceuticals, Inc.	
Application No./Patent No.: See attached table Fi	led/Issue Date: See attached table
Entitled:	
<u>Isis Pharmaceuticals. Inc.</u> , a (Name of Assignee)	Corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. the assignee of the entire right, title, and interest;	or
2. an assignee of less than the entire right, title and The extent (by percentage) of its ownership interest.	
in the patent application/patent identified above by virtue	of either:
A An assignment from the inventor(s) of the patent in the United States Patent and Trademark Office thereof is attached. OR	application/patent identified above. The assignment was recorded at Reel See Table , or for which a copy
	application/patent identified above, to the current assignee as shown
1. From:	To:
	States Patent and Trademark Office at, or for which a copy thereof is attached.
From: The document was recorded in the United S	To:
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3. From:	То:
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Additional documents in the chain of title are lis	ted on a supplemental sheet.
Copies of assignments or other documents in the cha [NOTE: A separate copy (i.e., a true copy of the orig Division in accordance with 37 CFR Part 3, if th MPEP 302.08]	ain of title are attached. inal assignment document(s)) must be submitted to Assignment e assignment is to be recorded in the records of the USPTO. See
01	
The undersigned (whose title is supplied below) is author	rized to act on behalf of the assignee.
	5.4.2005
Signature	Date
B. Lynne Parshall	760-931-9200
Printed or Typed Name	Telephone Number
Executive Vice President & CFO	
Title	

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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